Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Acidic dyads in the YSD1 tail tube match features in DNA, which may facilitate genome exit. Representation of the YSD1 tail modelled with a double-stranded DNA molecule in its B form. The movie relates to Figure 7 and Supplementary Figure 9. Domains 1 and 2 of the tail tube protein are shown in yellow and orange, respectively. DNA is shown in blue. The side chains of conserved acidic residues forming a helical track on the inner surface of the tube are shown as red spheres. The repeats match features in double-stranded DNA, which may facilitate genome translocation to infect the bacterial target.